

## **SYSTEMS AND METHODS FOR AN ADAPTIVE RAKE RECEIVER**

### **Abstract of the Disclosure**

- 5           A technique for signal distortion compensation using a filter that can support a higher delay spread distortion without substantially increasing hardware complexity. In one example embodiment, an adaptive receiver design compensates for signal distortions with the use of non-uniform tap delay filters. The non-uniform tap delay filters are used to output an adaptively channel matched signal for decoding.